## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Application		)	PATENT APPLICATION
inventors:	Dennis Kim et al.	)	Examiner: Panwalkar, Vinceta S
Application No.:	10/675,027	)	
Filed Date:	September 30, 2003	)	Art unit: 2611
Fitle: CLOCK-DATA RECOVERY ("CDR") CIRCUIT, APPARATUS AND METHOD FOR VARIABLE FREQUENCY DATA		) ) )	Customer No.: 38456
		)	

## RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. § 1.111

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This RESPONSE is in reply to the outstanding Office Action.

**AMENDMENTS to the CLAIMS** begin on Page 2 of this paper. **REMARKS** begin on Page 9 of this paper.